

INSTRUCTIONS FOR OPERATION.

Connect the apparatus to 110 volt 60 cycle circuit by means of the inlet cable supplied. Before turning on the current at the source see that ALL the switches are at position OFF or in the case of CURRENT CONTROL at position ONE(1). The line should have a capacity of 10 amperes. Use a base board or wall outlet if possible. Connection to a lamp socket will greatly reduce the output and may cause damage to the socket.

If a FOOT-SWITCH is to be used, see that it is plugged into the position provided side of the inlet connection. This will be found on the left end of apparatus case. To operate with the FOOT-SWITCH have the MAIN SWITCH at position OFF. Press on the FOOT-SWITCH to turn current ON. If no FOOT-SWITCH is used the current must be controlled by the MAIN SWITCH which should be turned to position ON.

To obtain COAGULATION or MEDICAL DIATHERMIA, set the selective switches to position OUDIN at OFF, the other selective switch to position COAGULATION. Regulate by means of the spark-gap and the CURRENT CONTROL. Leave the control marked CUTTING INTENSITY as far to the left as it will go. (Full ON).

To obtain OUDIN, place the selective switches to position OUDIN ON and the other at COAGULATION. Regulate as above described for diathermia and coagulation. Very fine OUDIN is obtained by leaving the ground connection to the machine OFF and the OUDIN switch at OFF. Reduce the gap to a fine spark over ONE section. Regulate with the gap and CURRENT CONTROL.

CUTTING is obtained by placing the selective switches to OUDIN OFF, the other switch to position KNIFE. Regulate by means of the CURRENT CONTROL which should be placed above point 5, and the CUTTING INTENSITY CONTROL. Best results should be determined by actual test on a piece of beef. Very heavy cutting is obtained with the CURRENT CONTROL at point 9 and 10, but point 6-7 and 8 will be found strong enough for most operations.

The MILLIAMPEREMETER is always in the circuit and care should be taken to avoid accidental shortcircuiting of the electrodes. Most COAGULATION can be obtained with the CURRENT CONTROL below 5, and care should be taken in operating above this setting as the out-put is very high. The apparatus is suitable for heavy medical diathermia, great care should be taken to see that the connecting cords are FIRMLY attached to the applicators or electrodes.

Stens apparatus tested with settings:-

Oudine off.

Knife. by

Current control 7. Adjust cutting intensity

4/7/30

DATE

DRAWN BY - *Gray*



